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› [SINGER](#) /

› Singer Atlantic Personal 20L Room Cooler User Manual

SINGER Atlantic Personal

Singer Atlantic Personal 20L Room Cooler User Manual

Model: Atlantic Personal

1. INTRODUCTION AND OVERVIEW

The Singer Atlantic Personal 20L Room Cooler is designed to provide efficient cooling for personal spaces. This compact unit features a 20-liter water tank, three-sided honeycomb cooling pads, and castor wheels for easy mobility. It includes motorized vertical louvers for enhanced air distribution and a convenient drain plug for simplified cleaning.



Figure 1: Front view of the Singer Atlantic Personal 20L Room Cooler, showing the control panel and air outlet.

2. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating this appliance to prevent injury or damage.

- Always ensure the cooler is placed on a stable, level surface to prevent tipping and water spillage.
- Do not immerse the cooler, power cord, or plug in water or other liquids.
- Ensure the power supply voltage matches the rating indicated on the appliance.
- Unplug the cooler from the power outlet before filling or draining water, cleaning, or performing any maintenance.
- Keep the appliance out of reach of children and pets.
- Do not operate the cooler with a damaged power cord or plug. Contact customer support for repairs.
- Avoid placing objects into the air inlet or outlet grilles.
- Do not use the cooler in areas with high humidity or near flammable materials.

3. PRODUCT COMPONENTS

Familiarize yourself with the main parts of your Singer Atlantic Personal Room Cooler:

- **Main Unit:** The primary housing of the cooler.
- **Water Tank:** Located at the bottom, holds up to 20 liters of water.
- **Honeycomb Cooling Pads:** Three-sided pads for enhanced cooling efficiency.
- **Control Panel:** Knobs for fan speed and cooling/swing functions.
- **Air Outlet Grille:** Front grille with motorized vertical louvers.
- **Water Level Indicator:** Transparent window on the front to monitor water level.
- **Castor Wheels:** Four wheels for easy movement.
- **Water Inlet:** Located at the rear for filling water.
- **Drain Plug:** Located at the bottom rear for draining water.



Figure 2: Close-up of the control panel with 'Swing/Cool' and 'Air Flow' knobs.



Figure 3: Rear view of the cooler, showing the water inlet at the top and the drain plug at the bottom.



Figure 4: Side view of the cooler, highlighting the honeycomb cooling pads.

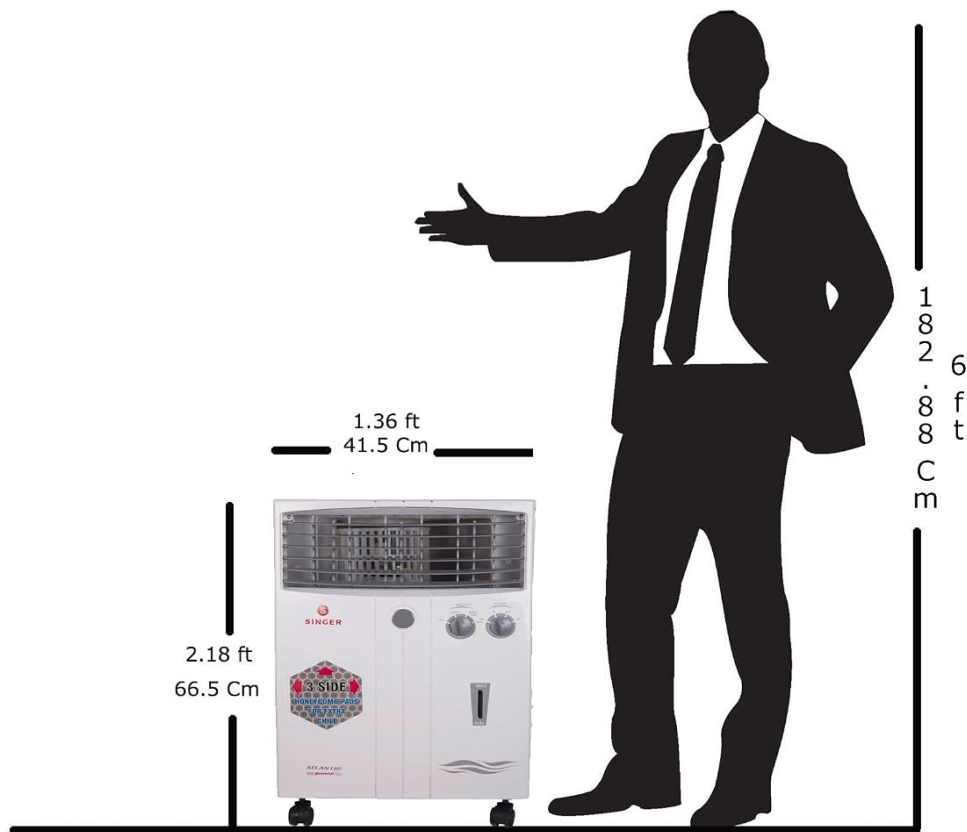


Figure 5: Lower front view showing the water level indicator and castor wheels for portability.

4. SETUP

1. **Unpacking:** Carefully remove the cooler from its packaging. Retain all packaging materials for future storage or transport.
2. **Placement:** Place the cooler on a firm, level surface. For optimal cooling, position the cooler near an open window or door to allow fresh air intake. Ensure there is adequate space around the unit for proper airflow.
3. **Fill Water Tank:** Open the water inlet at the rear of the cooler. Fill the water tank with clean, cool water. Monitor the water level indicator on the front to ensure you do not exceed the 'MAX' mark. For enhanced cooling, you may add ice cubes to the water tank.
4. **Connect Power:** Plug the power cord into a suitable 230V AC electrical outlet. Ensure the outlet is properly grounded.

5. OPERATING INSTRUCTIONS

The control panel features two rotary knobs:

- **Air Flow (Fan Speed) Knob:** Controls the fan speed. Turn the knob to select from 'LO' (Low), 'MED' (Medium), or 'HI' (High) settings. Turn to 'OFF' to switch off the fan.

- **Swing/Cool Knob:** Controls the cooling and swing functions.
 - Turn to 'SWING' to activate the motorized vertical louvers, which oscillate to distribute air across a wider area.
 - Turn to 'COOL' to activate the water pump and cooling function. Water will be circulated over the honeycomb pads, providing evaporative cooling.
 - Turn to 'OFF' to deactivate both cooling and swing functions.

To Operate:

1. Ensure the water tank is filled to an appropriate level.
2. Plug in the cooler.
3. Turn the 'Air Flow' knob to your desired fan speed (LO, MED, or HI).
4. To activate cooling, turn the 'Swing/Cool' knob to 'COOL'. For oscillating airflow, turn it to 'SWING'. You can use both functions simultaneously by setting the knob to 'COOL' and then adjusting the 'Air Flow' knob.
5. To turn off the cooler, set both knobs to 'OFF'.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your cooler.

6.1. Daily/Weekly Maintenance

- **Water Tank:** Regularly check the water level and refill as needed. If the cooler is not used for an extended period, drain the water completely to prevent stagnation and odor.
- **Exterior Cleaning:** Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.

6.2. Monthly Maintenance

- **Drain Water:** Unplug the cooler. Locate the drain plug at the bottom rear of the unit. Remove the plug to completely drain the water tank.
- **Clean Water Tank:** After draining, clean the inside of the water tank with a mild detergent and water. Rinse thoroughly to remove any residue.
- **Clean Honeycomb Pads:** The honeycomb pads can be removed for cleaning. Gently rinse them under running water to remove dust and mineral deposits. Allow them to dry completely before reinserting.

6.3. Storage

When storing the cooler for an extended period:

1. Drain all water from the tank and clean it thoroughly.
2. Clean the honeycomb pads and allow them to dry completely.
3. Clean the exterior of the unit.
4. Store the cooler in a dry, dust-free place, preferably in its original packaging.

7. TROUBLESHOOTING

If you encounter issues with your cooler, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
Cooler does not turn on	No power supply Power cord not properly plugged in Power outlet malfunction	Check if the power cord is securely plugged into a working outlet. Test the outlet with another appliance. Check household circuit breaker.
No cooling effect	Water tank empty Cooling function not activated Honeycomb pads are dry	Fill the water tank to the 'MAX' level. Ensure the 'Swing/Cool' knob is set to 'COOL'. Allow a few minutes for water to saturate the pads after activating cooling.
Water leakage	Water tank overfilled Drain plug not securely closed Cooler not on a level surface	Do not fill water above the 'MAX' indicator. Ensure the drain plug is firmly inserted. Place the cooler on a flat, stable surface.
Weak airflow	Fan speed set too low Air inlet/outlet blocked Dust accumulation on pads/fan	Increase the fan speed using the 'Air Flow' knob. Ensure no obstructions are blocking the grilles. Clean the honeycomb pads and fan blades as per maintenance instructions.

If the problem persists after attempting these solutions, please contact customer support.

8. SPECIFICATIONS

Detailed technical specifications for the Singer Atlantic Personal 20L Room Cooler:

- **Model Name:** Atlantic Personal
- **Type:** Personal Room Cooler
- **Capacity:** 20 Litres
- **Air Throw:** 20 ft.
- **Power Consumption:** 130 Watts
- **Air Delivery:** Up to 1250 Cubic m/hr
- **Motor Speed:** 1350 rpm
- **Number of Fan Speeds:** 3 (Low, Medium, High)
- **Voltage:** 230 Volts (AC)
- **Cooling Medium:** Honey Comb Cooling Pads (3-sided)
- **Material:** Plastic
- **Mounting Type:** Freestanding
- **Controls Type:** Knob
- **Special Features:** 4 Castor Wheels for portability, Motorized Vertical Louvers, Drain Plug for easy cleaning, Inverter Compatible.



Figure 6: Approximate dimensions of the cooler: 41.5 cm (width) x 66.5 cm (height).

9. WARRANTY INFORMATION

This Singer Atlantic Personal 20L Room Cooler comes with a **1-year warranty** on the product from the date of purchase. Please retain your purchase receipt for warranty claims. The warranty covers manufacturing defects under normal use conditions. It does not cover damage resulting from misuse, accident, unauthorized repair, or normal wear and tear.

10. CUSTOMER SUPPORT

For any queries, service requests, or technical assistance, please contact Singer India Limited customer support:

- **Phone:** 18001033474 | 8860118855
- **Email:** customersupport@singerindia.com
- **Website:** www.singerindia.com
- **Address:** Singer India Limited, Institute for Studies in Industrial Development (ISID), 3rd Floor, Block C-2-3, ISID Campus, 4, Vasant Kunj Institutional Area, New Delhi – 110070

